## INTERNATIONAL SEARCH REPORT

Internal Application No PCT/US 02/27330

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A. CLASS IPC 7	FIFCATION OF SUBJECT MATTER C09G1/02 C23F3/06 C09K3/1	4				
According t	lo International Patent Classification (IPC) or to both national classifi	cation and IPC				
B. FIELDS	SEARCHED					
	locumentation searched (classification system followed by classification company CO9G C23F C09K	tion symbols)				
Documenta	ation searched other than minimum documentation to the extent that	such documents are included in the fields s	earched			
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C. DOCUM	ENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with Indication, where appropriate, of the re	elevant passages	Relevant to dalm No.			
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"A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filling date  "L" document which may throw doubts on priority claim(s) or which is sited to extend the publication date of the state		<ul> <li>*T* later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document.</li> </ul>				
other of the other	means and published prior to the international filing date but than the priority date claimed	ments, such combination being obvior in the art.  *&* document member of the same patent	us to a person skilled			
	actual completion of the international search	Date of mailing of the international sea				
1	1 December 2002	19/12/2002				
Name and r	malling address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,  Fax: (+31–70) 340–3016	Authorized officer  Leroy, A				

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